

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (CURRENTLY AMENDED) A method for exposing an object to fluid, comprising the steps of:
introducing the object into a coanda flow forming passage by passing the object through an opening into the passage, the coanda flow forming passage including an interior and a wall surrounding the interior, the wall having a coanda profile; ~~and~~
directing a first fluid; onto the coanda profile to induce coanda flow through the passage; withdrawing the object through the opening.
2. (ORIGINAL) The method of claim 1 wherein:
the coanda flow forming passage includes an upstream opening, and
the directing step causes an atmosphere exterior of the upstream opening to be entrained by the coanda flow and drawn through the coanda flow forming passage.
3. (ORIGINAL) The method of claim 2 wherein the method is for drying an object using a mixture of drying fluid and entrained air, and wherein the directing step includes directing a drying fluid onto the coanda profile.
4. (ORIGINAL) The method of claim 3 wherein the drying fluid comprises a gas.
5. (ORIGINAL) The method of claim 4 wherein the gas comprises nitrogen.
6. (ORIGINAL) The method of claim 2 wherein the atmosphere comprises ambient air.
7. (ORIGINAL) The method of claim 1 wherein the coanda flow forming passage further includes at least one fluid aperture positioned within the coanda flow forming passage,

and wherein the method further includes directing a second fluid through the aperture onto the object.

8. (ORIGINAL) The method of claim 7 wherein the second fluid is a cleaning fluid.
9. (ORIGINAL) The method of claim 8 wherein the cleaning fluid comprises water.
10. (ORIGINAL) The method of claim 7 wherein the step of directing a second fluid onto the object is performed prior to the step of directing a coanda jet, comprised of a first fluid, onto the coanda profile to induce coanda flow.
11. (ORIGINAL) The method of claim 10 wherein the second fluid is a cleaning fluid and the first fluid is a drying fluid.
12. (ORIGINAL) The method of claim 11 wherein the cleaning fluid comprises water.
13. (ORIGINAL) The method of claim 11 wherein the drying fluid comprises a gas.
14. (ORIGINAL) The method of claim 13 wherein the gas comprises nitrogen.
15. (ORIGINAL) The method of claim 1 wherein the coanda flow forming passage includes a reduced diameter section and wherein the method further includes the step of accelerating the first fluid and entrained atmosphere through the flow passage by causing the first fluid and entrained atmosphere to flow through the reduced diameter section.
16. (CURRENTLY AMENDED) A method of treating an object with a fluid, comprising the steps of:
providing a chamber comprising a coanda passage having an interior and a longitudinal axis, the interior including a surface curved in a longitudinal direction, the chamber further including a coanda slot or other geometry to produce a coanda jet;

passing an object through an opening into the chamber and positioning an the object
within the coanda chamber;

directing a coanda jet, comprised of a first fluid, onto the coanda inducing profile to
cause coanda flow through the passage; and

withdrawing the object from the coanda chamber and through the opening.

17. (ORIGINAL) The method of claim 16 wherein:
the coanda passage includes an upstream opening, and
the directing step causes an atmosphere exterior of the upstream opening to be entrained
by the coanda flow and drawn through the coanda passage.
18. (ORIGINAL) The method of claim 17 wherein the method is for drying an object
using a drying fluid, and wherein the directing step includes directing a drying fluid through the
coanda slot.
19. (ORIGINAL) The method of claim 18 wherein the drying fluid is a gas.
20. (ORIGINAL) The method of claim 19 wherein the gas is nitrogen.
21. (ORIGINAL) The method of claim 17 wherein the atmosphere comprises ambient
air.
22. (ORIGINAL) The method of claim 16 wherein the coanda passage further
includes at least one fluid aperture positioned within the coanda passage, and wherein the
method further includes directing a second fluid through the aperture onto the object.
23. (ORIGINAL) The method of claim 22 wherein the second fluid is a cleaning
fluid.
24. (ORIGINAL) The method of claim 23 wherein the cleaning fluid comprises
water.

25. (ORIGINAL) The method of claim 22 wherein the step of directing a second fluid onto the object is performed prior to the step of directing a coanda jet, comprised of a first fluid, onto the coanda profile to induce coanda flow.

26. (ORIGINAL) The method of claim 25 wherein the second fluid is a cleaning fluid and the first fluid is a drying fluid.

27. (ORIGINAL) The method of claim 26 wherein the cleaning fluid comprises water.

28. (ORIGINAL) The method of claim 26 wherein the drying fluid comprises a gas.

29. (ORIGINAL) The method of claim 28 wherein the gas comprises nitrogen.

30. (ORIGINAL) The method of claim 16 wherein the coanda flow forming passage includes a reduced diameter section and wherein the method further includes the step of accelerating the first fluid and entrained atmosphere through the flow passage by causing the first fluid and entrained atmosphere to flow through the reduced diameter section.

Claims 31-55: CANCELLED